

Figure 1
Table 1 – Formulations used for preparing films by extrusion

Form. no.	MD (g)	DE 40 (g)	MD (g)	GP (g)	SB (g)	SC (g)	PRX (g)	KP (g)	DS (g)	TR (g)	NF (g)	ZPD (g)	LRZ (g)	BRZ (g)	TRZ (g)	MR (g)	MTC (g)	MEN (g)	A-AC (g)	SLG (g)	ATL (g)	SAL (g)	SMT (g)	CZP (g)	SLG (g)	CTZ (g)	SBT (g)
1	40	1	10																								
2	40	7	3																								
3	45	3.5	1.5																								
4	40	3	7																								
5	80		10																								
6	72		9																								
7			10																								
8			72																								
9			70																								
10			62																								
11	80		10																								
12			80																								
13			80																								
14			80																								
15	80		10																								
16			62																								
17	80		10																								
18			40																								
19	75		9																								
20			62																								
21	58		9																								
22			80																								
23			80																								

MD: maltodextrin; DE: Dextrose equivalents; GP: propylene glycol; SB: sorbitol; SC colloidal silica; PRX: piroxicam; KP: ketoprofen DS: Sodium diclofenac; TR: Tramadol hydrochloride; MR: Morphine sulfate; NF: Nifedipine; LRZ: Lorazepam; TRZ: Triazolam; BRZ: Bromazepam; ZPD: Zolpidem; MTC: Methoclopramide; MEN: Menthol; A-As: Ascorbic Acid; SLG: Selegiline; ATL: Atenolol; SAL: Salbutamol; SMT: Sumatriptan; CZP: Clozapine; CTZ: Ceftriaxone

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Figure 2

Table 2 - Formulations used for preparing the films

Form. n.	MD DE (%)	MD DE 11 (%)	GP (%)	SB (%)	MT (%)	TC (%)	Water (%)	Ethanol (%)	SC (%)	GLI (%)	PRX (%)	PRC (%)	DS (%)	NF (%)	QLO (%)	EU (%)	CPT (%)	TIO (%)	DMS (%)	ATEC (%)	DB S (%)
1	25	15					10														
2	70	13			2		8														
3	31.2	5.8			18		13.5														
4	70			5	2.5		50	14													
5	46.5	10		7.4	0.4		28	7.9	0.1			14									
6	46.5	15		5	0.8		28	12	0.2			18									
7	34.4	11.2		3.7	0.5		8.4	9.7	0.2			13.4									
8	46.5	15		5	0.8		26	20	0.2				18								
9	46.5	15		5	0.8		26	12	0.2					3.6							
10	46.5	15		5	0.6		26	12	0.2						0.8						
11			30				20			10											
12	50		20				20		0.2												
13	50		20				20		0.2	5											
14	46.5	15		5	0.6		26	12	0.2												
15	46.5	15		5	0.8		26	12	0.2												
16	46.5	10		7.4	0.4		28	7.9	0.1			4.8									
17	46.5	15		5	0.8		26	12	0.2												
18	46.5			5	0.6		26	12	0.2												
19	46.5			7.4	0.4		28	7.9	0.1			4.8								10	8

*MTD: maltodextrin; DE: Dextrose equivalents; GP: propylene glycol; SB: sorbitol; MT: maltitol; TC: Talc; PRX: piroxicam; KP: ketoprofen; DS: Sodium diclofenac; NR: Morphine sulfate; NF: Nifedipine; QLO: Clonazepam; BRZ: Bromazepam; ZPD: Zolpidem; PRC: Paracetamol; EU: Eucalyptus; SC: sodium citrate; CPT: captopril; TIO: thiodolchitoside; DMS:dexamethasone; ATEC: Acetylthyl citrate;DBS: dibutyl sebacate.

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Figure 3

